



Types of creating forms

Template Driven forms

- Heavy on the component template.

Reactive Forms

- Heavy on the component class

Template Driven Forms (TDF):-

- It is easy to use
- It does two way ^{data} binding with ngModel
- In TDF we will have bulky html code and minimal class code.
- It automatically tracks the form and form elements state and validity.

When should we use TDF:

When the form is simple.

app.component.html

```
<div class="class container-fluid">
  <h1> Bootstrap Enrollment forms</h1>
  <forms>
    <div class="form-group">
      <label> Name </label>
      <input type="text" class="form-control"
        name="username">
    </div>
    <div class="form-group">
      <label> Email</label>
      <input type="text" class="form-control"
        name="email">
    </div>
    <div class="form-group">
      <label> Phone </label>
      <input type="text" class="form-control"
        name="phone">
    </div>
    <div class="form-group">
      <input type="checkbox" class="form-check-input" name="subscribe">
      <label class="form-check-label"> send me promotional</label>
      <button class="btn btn-primary" type="submit"> submit</button> </div>
  </div>
```

index.html

```
<html>
  <head>
    <link rel="stylesheet" href="bootstrap.min.css">
  </head>
  <body>
    <app-root> </app-root>
```

Output:-

Bootstrap enrollments forms

Name

Email

Phone

☐ send me promotional offers.

```

import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { AppRoutingModule } from 'app-routing.module';
import { AppComponent } from 'app.component';
import { FormsModule } from '@angular/forms';

@NgModule({
  declarations: [
    AppComponent,
    imports: [
      BrowserModule,
      AppRoutingModule,
      FormsModule,
      providers: [],
    ],
    bootstrap: [AppComponent]
  })
export class AppModule {}

```

Output

Bootstrap trolldunt deer

33

Name

Ena

Phora

Send me offers

Submit

```

app.component.html
<div class="class container-fluid">
<h1> Bootstrap Enrollment forms </h1>
<form>
  <div class="form-group">
    <label> Name </label>
    <input type="text" class="form-control" name="username"
      NgModel>
  </div>
  <div class="form-group">
    <label> E-mail </label>
    <input type="text" class="form-control" name="email"
      NgModel>
  </div>
  <div class="form-group">
    <label> Phone </label>
    <input type="tel" class="form-control" name="phone"
      NgModel>
  </div>
  <div class="form-group">
    <input type="checkbox" class="form-check-input"
      name="subscribe" NgModel>
    <label class="form-check-label"> send me promotional </label>
  </div>
  <button class="btn btn-primary" type="submit"> Submit </button>
</form>

```

Output:-

Bootstrap Enrollment forms

```

{ "username": "Nikhil", "email": "nikhil@gmail.com", "phone": "9876543",
  "subscribe": true }

```

Name

Email

Phone

☐ send me promotional offer